

RADIOFREQUENCY UNIT

ABSTRACT

A radiofrequency unit comprising a first dielectric substrate supporting a first conductive antenna layer; a second dielectric substrate supporting circuit elements connected or coupled to ground formed in a second conductive layer, and comprising a radiofrequency antenna line; and a third screen conductive layer arranged between the first and second substrates, provided with a slot to couple the antenna line to the antenna layer, this conductive layer being floating; in which the thickness and the nature of the second substrate are chosen by taking into account the surface of said circuit elements for the screen layer to be coupled to ground by a capacitor forming a short-circuit for radiofrequencies.